

Properties & Advantages of PVPI SANAQ

Properties

Advantages

1. Broad-Spectrum biocide	Nonselective germicidal action... bactericide, fungicide, viricide, amebicide, insecticide, nematocide... kills spores... useful in human and veterinary medicine... lacks tendency to develop resistant organisms... effective indilute solution... unparalleled for surface sterilizatin and in mixed infections.
2. Detoxified iodine	Low animal and phytotoxicity ... nonirritating to skin and membranes ... nonsensitizing ... does not delay healing or formation of granulation tissue ... nonstinging ... lessened hazard if accidentally ingested.
3. Non-antibiotic	As a non-antibiotic does not encourage the development of antibiotic-resistant microbes and kills all bacteria including antibiotic resistant organisms.
4. Repidly active	Unlike some antiseptics that are bacteriostatic and need repeated applications to be fully effective Povidone-Iodine is bactericidal and is immediately lethal to microorganisms with each application.
5. Safety	Povidone-Iodine is virtually non-irritating to the skin or mucous tissue and can be applied to broken skin, or mucous tissue and can be applied to broken skin. Povidone-Iodine is more than three times as safe to use as is Lugol's solution containing an equal amount of free iodine. Employed as a topical antiseptic in several formulations it has been used on 5,900 patients ... no signs of toxicity or iodism have been noted.
6. Water-soluble	Ease of formulation ... uniform concentrations ... does not permanently stain.
7. Film-forming	Prolonged germicidal action ... adheres to treated surfaces where applied ... preservative effect ... color delineates treated area.
8. Stable complex	Absence of general odor ... free iodine not extractable by organic solvents ... no loss of iodine by sublimation or volatilization ... rapid action even in presence of organic matter (blood, pus, oil, grease, soap).